

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		09909784
	Filing Date		2001-07-23
	First Named Inventor	Dale L. BARTHOLOMEW, et al.	
	Art Unit	2446 2467	
	Examiner Name	Duc T. Duong	
Attorney Docket Number		VE22.20 CON	

U.S. PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	5436963		1995-07-25	Fitzpatrick et al.	
	2	5440563		1995-08-08	Isidoro et al.	
	3	5440620		1995-08-08	Slusky	
	4	5448633		1995-09-05	Jamaledin et al.	
	5	5450411		1995-09-12	Heil	
	6	5452289		1995-09-19	Sharma et al.	
	7	5452350		1995-09-19	Reynolds et al.	
	8	5455821		1995-10-03	Schaeffer et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	09909784
Filing Date	2001-07-23
First Named Inventor	Dale L. BARTHOLOMEW, et al.
Art Unit	2440 2467
Examiner Name	Duc T. Duong
Attorney Docket Number	VE22.20 CON

9	5459775	1995-10-17	Isono et al.	
10	5461611	1995-10-24	Drak et al.	
11	5463677	1995-10-31	Bash et al.	
12	5469496	1995-11-21	Emery et al.	
13	5473608	1995-12-05	Gagne et al.	
14	5475817	1995-12-12	Waldo et al.	
15	5477531	1995-12-19	McKee et al.	
16	5483586	1996-01-09	Sussman	
17	5495521	1996-02-27	Rangachar	
18	5500889	1996-03-19	Baker et al.	
19	5511111	1996-04-23	Serbetcioglu et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	09909784
Filing Date	2001-07-23
First Named Inventor	Dale L. BARTHOLOMEW, et al.
Art Unit	2119 24 67
Examiner Name	Duc T. Duong
Attorney Docket Number	VE22.20 CON

20	5513127	1996-04-30	Gard et al.	
21	5521719	1996-05-28	Yamada	
22	5521924	1996-05-28	Kakuma et al.	
23	5524137	1996-06-04	Rhee	
24	5526416	1996-06-11	Dezonno et al.	
25	5530744	1996-06-25	Charalambous et al.	
26	5530852	1996-06-25	Mesk et al.	
27	5539884	1996-07-23	Robrock, II	
28	5539886	1996-07-23	Aldred et al.	
29	5541917	1996-07-30	Farris	
30	5541927	1996-07-30	Kristol et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	09909784
Filing Date	2001-07-23
First Named Inventor	Dale L. BARTHOLOMEW, et al.
Art Unit	2446 2467
Examiner Name	Duc T. Duong
Attorney Docket Number	VE22.20 CON

31	5541930	1996-07-30	Klingman	
32	5551025	1996-08-27	O'Reilly et al.	
33	5551035	1996-08-27	Arnold et al.	
34	5559721	1996-09-24	Ishii	
35	5561670	1996-10-01	Hoffert et al.	
36	5563882	1996-10-08	Bruno et al.	
37	5579472	1996-11-26	Keyword et al.	
38	5586177	1996-12-17	Farris et al.	
39	5590127	1996-12-31	Bales et al.	
40	5594769	1997-01-14	Pellegrino et al.	
41	5594789	1997-01-14	Seazholtz et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	09909784
Filing Date	2001-07-23
First Named Inventor	Dale L. BARTHOLOMEW, et al.
Art Unit	2440 2467
Examiner Name	Duc T. Duong
Attorney Docket Number	VE22.20 CON

42	5603085		1997-02-11	Shedlo	
43	5604682		1997-02-18	McLaughlin et al.	
44	5610972		1997-03-11	Emery et al.	
45	5610976		1997-03-11	Uota et al.	
46	5617422		1997-04-01	Litzenberger et al.	
47	5617540		1997-04-01	Civanlar et al.	
48	5619555		1997-04-08	Fenton et al.	
49	5619557		1997-04-08	Van Berkum	
50	5619562		1997-04-08	Maurer et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

U.S.PATENT APPLICATION PUBLICATIONS

Remove

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
-------------------	---------	--------------------	------------------------	------------------	---	--

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. //DD/

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	09909784
Filing Date	2001-07-23
First Named Inventor	Dale L. BARTHOLOMEW, et al.
Art Unit	2440 2467
Examiner Name	Duc T. Duong
Attorney Docket Number	VE22.20 CON

1						
---	--	--	--	--	--	--

If you wish to add additional U.S. Published Application citation information please click the Add button [Add](#)

FOREIGN PATENT DOCUMENTS

[Remove](#)

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² j	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button [Add](#)

NON-PATENT LITERATURE DOCUMENTS

[Remove](#)

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	Haley, James E., "Pay-per-call blocking using LIDB," AIN Service Description, Bell Atlantic Easy Number Call Routing Service, October 1996.	<input type="checkbox"/>
	2	American National Standard for Telecommunications - Signalling System Number 7 (SS7) - Signalling Connection Control Part (SCCP), American National Standards Institute, Inc., ANSITI.112-1992, October 26, 1992.	<input type="checkbox"/>
	3	American National Standard for Telecommunications - Signalling System Number 7 (SS7) - Message Transfer Part (MTP), American National Standards Institute, Inc., March 14, 1996.	<input type="checkbox"/>
	4	American National Standard for Telecommunications - Signalling System Number 7 (SS7) - Signalling Connection Control Part (SCCP), American National Standards Institute, Inc., ANSITI.110-1992, June 2, 1992.	<input type="checkbox"/>
	5	Gasman, Lawrence, "Broadband networking," Van Nostrand Reinhold, June 13, 1994.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	09909784
Filing Date	2001-07-23
First Named Inventor	Dale L. BARTHOLOMEW, et al.
Art Unit	2446 2467
Examiner Name	Duc T. Duong
Attorney Docket Number	VE22.20 CON

6	Balkovich, Ed, et al., "Project clarity: First internal trial," Readiness Review, Bell Atlantic Confidential and proprietary, July 21, 1997.	<input type="checkbox"/>
7	Grigonis, Richard "Zippy," "Computer telephony over the internet," CT and the 'Net, March 1996.	<input type="checkbox"/>
8	Park, Myung Ah, et al., "Dial-up internet access service system with automatic billing mechanism," ICICS 1997, Electronics and Telecommunications Research Institute, p.p. 148-151, Singapore, 9-12 September 1997.	<input type="checkbox"/>
9	El-Gendy, Hazem, et al., "Computer-supported routing for intelligent networks and personalized wired communications," ICCS 1994, p.p. 1027-1033, August 1994.	<input type="checkbox"/>
10	"Audio and video over the internet," CT and the 'Net, March 1996.	<input type="checkbox"/>
11	Malamud, Carl, et al., "Internet talk radio: Geek of the week," Mobile IP Networking, O'Reilly and Associates, Inc., transcript of interview, November 1993.	<input type="checkbox"/>
12	McConnell, Brian, "How to build an internet PBX," Pacific Telephony Design, http://www.phonezone.com/ip-phone.htm , p.p. 1-9, October 28, 1996.	<input type="checkbox"/>
13	Sears, Andrew, "Innovations in Internet Telephony: The Internet as the Competitor to the POTS Network," Innovation in Internet Telephony: The Internet as the Successor to the POTS Network, p.p. 1-6, February 28, 1996.	<input type="checkbox"/>
14	"Supercharging the web with computer telephony," CT and the 'Net, March 1996.	<input type="checkbox"/>
15	Anand, Surinder S., et al., "Accounting architecture for cellular networks," ICPWC '96, IEEE, p.p. 184-189, 1996.	<input type="checkbox"/>
16	Karttunen, Jari, et al., "Cost structure analysis and reference model for SCALEABLE network services," The Institution of Electrical Engineers, p.p. 1-9, 1996.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	09909784
Filing Date	2001-07-23
First Named Inventor	Dale L. BARTHOLOMEW, et al.
Art Unit	2440 2467
Examiner Name	Duc T. Duong
Attorney Docket Number	VE22.20 CON

17	Jennings, Barbara J., "End-User Requirements for High-Integrity Directory," Sandia National Laboratories, Albuquerque, IEEE, p.p. 1793-1796, 1996.	<input type="checkbox"/>
18	Botvich, D., et al., "On Charging for Internet Services provided over an A.TIVI network," IEEE, p.p. 669-679, 1997.	<input type="checkbox"/>
19	Estrin, Deborah, et al., "Design Considerations for Usage Accounting and Feedback In Internetworks," downloaded, August 19, 2008.	<input type="checkbox"/>
20	Li, Chung-Sheng, et al., "'Time-driven Priority" Flow Control for Real-time Heterogeneous Internetworking," IBM T. J. Watson Research Center, IEEE, p.p. 189-197, 1996.	<input type="checkbox"/>
21	Edell, R.J., et al., "Billing users and pricing for TCP," IEEE Journal on Selected Areas in Communications, Vol. 13, Issue 7, p.p. 1162-1175, September 1995.	<input type="checkbox"/>
22	Margulies, Ed, "CT's CYBERDATE WITH THE 'NET," Computer Telephony Periscope, p.p. 28-29, August 1996.	<input type="checkbox"/>
23	Inamori, Hisayoshi, et al., "Common Software Platform for Realizing a Strategy for Introducing the TMN," Network Operations and Management Symposium, Vol. 2, p.p. 579-589, February 1998.	<input type="checkbox"/>
24	Rajan, R., et al., "A policy framework for integrated and differentiated services in the Internet," Network, IEEE, Vol. 13, Issue 5, p.p. 36-41, Sep/Oct 1999.	<input type="checkbox"/>
25	Louth, Nick, "MCI Communications Corp. vaults phone-data divide," Reuters Limited, News article, January 29, 1998.	<input type="checkbox"/>
26	Eriksson, Hans, "MBONE: The Multicast Backbone," file:///C:/Documents%20and%20Settings/raibert/Desktop/MBONE%20The%20Multicast%20Backbone.htm (1 of 13) 3/7/2008 4:06: 17 PM	<input type="checkbox"/>
27	Macedonia, Michael R., et al., "MBone Provides Audio and Video Across the Internet," file:///C:/Documents%20and%20Settings/raibert/Desktop/20Audio%20and%20Video%20Across%20the%20Internet.htm (1 of 13) 3/10/2008 9: 34:00 AM	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	09909784
Filing Date	2001-07-23
First Named Inventor	Dale L. BARTHOLOMEW, et al.
Art Unit	2440 2467
Examiner Name	Duc T. Duong
Attorney Docket Number	VE22.20 CON

28	Lapolla, Stephanie, "Net call centers, voice to merge," News, PC Week, March 31, 1997.	<input type="checkbox"/>
29	Bohn, Roger, et al., "Mitigating the coming Internet crunch: multiple service levels via precedence," San Diego Supercomputer Center, March 22, 1994.	<input type="checkbox"/>
30	Weiss, W., "QoS with differentiated services," Bell Labs Technical Journal Vol. 3, No. 4, p. 48-62, Oct.-Dec. 1998.	<input type="checkbox"/>
31	Hartanto, Felix, et al., "POLICY-BASED BILLING ARCHITECTURE FOR INTERNET DIFFERENTIATED SERVICES," Proceedings of IFIP Fifth International Conference on Broadband Communications (BC '99), Hong Kong, 10-12 November 1999.	<input type="checkbox"/>
32	Mahadevan, I., et al., "Parallel Architectures, Algorithms, and Networks," (I-SPAN '99) Proceedings, Fourth International Symposium, p. 420-425, June 23-25, 1999.	<input type="checkbox"/>
33	Schulzrinne, H., et al., "A Transport Protocol for Real-Time Applications," Network Working Group, Audio-Video Transport Working Group, p. 1-151, March 10, 2008.	<input type="checkbox"/>
34	Schulzrinne, H., "RTP Profile for Audio and Video Conferences with Minimal Control," Network Working Group, Audio-Video Transport Working Group, p. 1-18, January 1996.	<input type="checkbox"/>
35	Kim, Gary, "Talk is cheap voice over the internet," America's Network, p. 34-39, July 15, 1996.	<input type="checkbox"/>
36	Newton, Harry, "Notes from the field: The personal side of CT," 12 Computer Telephony, January 1997.	<input type="checkbox"/>
37	Venditto, Gus, "Internet phones the future is calling," Internet World Magazine, June 1996.	<input type="checkbox"/>
38	Crowcroft, Jon, et al., "Pricing internet services," Department of Computer Science, UCL, Gower Street, LONDON, UK, p. 1-16, downloaded, August 19, 2008.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	09909784
Filing Date	2001-07-23
First Named Inventor	Dale L. BARTHOLOMEW, et al.
Art Unit	2440 2467
Examiner Name	Duc T. Duong
Attorney Docket Number	VE22.20 CON

39	Newton, Harry, "TELEPHONY MESSAGING ON THE INTERNET," http://www.dialogweb.com/cgi/dwclient?req=1205770063076 (1 of 5) 3/17/2008 12:08:09 PM	<input type="checkbox"/>
40	Maruyama, Katsumi, et al., "A Concurrent Object-Oriented Switching Program in Chili," 2460 IEEE Communications Magazine, 29(1991) January, No.1, p.p. 60-68, New York.	<input type="checkbox"/>
41	Rajkumar, R., et al., "A resource allocation model for QoS management," Proceedings. The 18th IEEE Real-Time Systems Symposium (Cat.No.97CB36172) p.298-307, Dec. 2-5, 1997.	<input type="checkbox"/>
42	Weinrib, A., et al., "Decentralized resource allocation for distributed systems," IEEE INFOCOM '87. The Conference on Computer Communications. Proceedings. Sixth Annual Conference - Global Networks: Concept to Realization (Cat. No.87CH2412-5) p.328-36, M	<input type="checkbox"/>
43	Shabana, Mohamed, et al., "Intelligent switch architecture," 8081 Proceedings of the National Communications Forum 42 (1988) September 30, No. 2, Chicago, IL., p.p. 1312-1319.	<input type="checkbox"/>
44	Nagarajan, Ramesh, et al., "Local Allocation of End-to-End Quality-of-Service in High-Speed Networks," National Research Foundation under grant NCR-9116183 and the Defense Advanced Projects Research Agency under contract NAG2-578, p.p. 1-28, downloaded, A	<input type="checkbox"/>
45	Elixmann, Martin, et al., "Open Switching - Extending Control Architectures to Facilitate Applications," ISS Symposium, p.p. 239-243, April 23, 1995.	<input type="checkbox"/>
46	Chandra, P., et al., "Network support for application-oriented QoS," (IWQoS 98) 1998 Sixth International Workshop on Quality of Service, p.p. 187-195, May 18-20, 1998.	<input type="checkbox"/>
47	Klein, Rachelle S., et al., "MINIMAX RESOURCE ALLOCATION WITH TREE STRUCTURED SUBSTITUTABLE RESOURCES," Operations Research, Vol. 39, No.2, p.p. 285-295, March-April 1991.	<input type="checkbox"/>
48	Nyong, D., et al., "Resource based policies for design of interworking heterogeneous service networks," Interoperable Communications Networks, Vol.1, Nos. 2-4, p.p. 571-80, 1998.	<input type="checkbox"/>
49	Kabay, S., et al., "The service node-an advanced IN services element," 8438 BT Technology Journal Vol. 13 (1995) April, No. 2, p.p. 64-72.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	09909784
Filing Date	2001-07-23
First Named Inventor	Dale L. BARTHOLOMEW, et al.
Art Unit	2440 2467
Examiner Name	Duc T. Duong
Attorney Docket Number	VE22.20 CON

50	Mayer, Robert L., et al., "Service Net-2000: An intelligent network evolution," 8010 At.and.T Technical Journal 70 (1991) Summer, No. 3/4, p.p. 99-110, Short Hills, NJ.	<input type="checkbox"/>
----	--	--------------------------

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	/Duc Duong/	Date Considered	12/31/2009
--------------------	-------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	09909784
Filing Date	2001-07-23
First Named Inventor	Dale L. BARTHOLOMEW, et al.
Art Unit	2446 2467
Examiner Name	Duc T. Duong
Attorney Docket Number	VE22.20 CON

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

- ☒ See attached certification statement.
- ☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
- ☐ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.16. Please see CFR 1.4(d) for the form of the signature.

Signature	/Joseph R. Palmieri/	Date (YYYY-MM-DD)	2009-12-30
Name/Print	Joseph R. Palmieri	Registration Number	40,760

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.